

### "E-Stamp" - Post N Mail, Inc.

Software installation & screen prompts. 1. Insert disk 1 in drive. Select Run...from File Menu in Program Manager
 Type b:\setup and click O.K. (substitute b for correct drive)
 Follow instructions on screen. 1. Connect TMU holder to your Serial port. 2.Insert TMU button in holder. 3. Switch ON your printer, check paper. Screen 1. 4. Prepare the following information: Full name and address of owner, EIN # (if organization), Social Security # (if individual) 203 Zip code 5+4, telephone and Fax # Proceed 1.Legal terms, conditions and Licensing agreement. Screen 2 2.Acceptance of above by clicking Proceed. Proceed 205 1.Display of "E-STAMP" serial # and TMU serial # (non-accessible) Screen 3. 2.Enter owner information 207 Proceed WARNING.: Verify above information. Screen 4 LAST CHANCE 209 Proceed 1.Please ensure printer is ON LINE 2. The above information will be printed in triplicate Screen 5. 3. Sign and mail two copies to Post N Mail, retain one copy 4.A registration card will be mailed to you to access TMU refilling stations 211 Proceed INSTALLATION PROCEEDING Now copying files... % completed Screen 6. Insert diskette # 2 213 Proceed INSTALLATION PROCEEDING Screen 7 Now copying files... % completed Installation completed 215 FIG. 2

PostageMaker Postage File Help	Refilling Stations			
Postage	eMaker 40			
Log in the Master button	Create a New Postage Button			
Log in an Agent button	Add Postage to a Used Button			
Create an Agent Button	Attempt to Repair a Damaged Button			
Exit PostageMaker				

FIG. 4A

PostageMaker is LOCKED	
Enter master password here:	
Unlock	

FIG. 4B

PostageMaker is LOCKED
Enter agent password here:
Unlock

FIG. 4C

Agent Button Registrations	
Owner information ————————————————————————————————————	_
Agent Registration ID: It	
Agent First Name:	
Agent Last Name:	
Password for new button	
Agent Access PIN:	
Confirm Agent Access	
OK Cancel	Ĺ

FIG. 4D

- Age	ent Button Registrations
Owner information ———	
Agent Registration ID:	AG1234567
Agent First Name:	John
Agent Last Name:	Smith
Password for new button	
Agent Access PIN:	•••
Confirm Agent Access	***
	OK Cancel
	FIG. 4E

		Pos	tageMo	ker							
Place new Agent Meter [ENTER] when ready.	in first	slot	on One	Wire	Bus	so	we	can	format	it.	Hit
<u></u>			UK ]								

FIG. 4F

PostageMaker
Agent has been registered on the button.
OK

FIG. 4G

_	PostageMaker
	Place new Postage Meter in first slot on One Wire Bus so we can format it. His [ENTER] when ready.
	OK

## FIG. 4H

RECEIPT	RECEIPT NO:	AG7654321
POSTAGE BUTTON REFILL SERVICES		5/25
TRANSACTION:		
AUTHORIZATION CODE: MA1234567	TRANSACTION DATE:	5/25/95
	TRANSACTION TYPE:	
	TRANSACTION AMOUNT:	2.00
POSTAGE BUTTON:		
SERIAL NO: 0800101000E0	OWNER:	
	OWNER ZIP CODE:	

FIG. 4I

TRANSACTION COUNTER: 00

2.00

REMAINING CREDIT BALANCE:

Add Postage to a Button Button information -Button Serial No.: 0800101000E0 Name: Zip Code: PNM Registration No.: Expires On: 08/23/95 Last Access On: 05/25/95 Remaining Balance: \$2.00 -Add Postage — **Current Balance:** \$2.00 Transaction Balance: 100 -Button Refill Information -Refill Time: 12:37 PM Refill Date: 05/25/95 Site ID: 000001 Workstation 1 Refill Balance: Cāncel Re-Enter OK Accept

FIG. 4J

Add Postage to a Button	
Button information  Button Serial No.: 0800101000E0 Name: Paul Alto PNM Registration No.: Zip Code: 77026-4217  Last Access On: 05/25/95 Expires On: 08/23/95  Remaining Balance: \$2.00	
Add Postage  Current Balance: \$102.09  Transaction Balance:	
Button Refill Information  Refill Date: 05/25/95 Refill Time: 12:37 PM  Site ID: 000001 Workstation 1  Refill Balance:	

FIG. 4K

Add Postage to a B	Button	
┌─ Button information ─────	···	
Button Serial No.: 0800101000E0	Name:	
PNM Registration No.:	Zip Code:	
Last Access On: 05/25/95	Expires On:	08/23/95
Remaining Balance: \$2.00		
Add Postage		
Current Balance: \$2.00		
Transaction Balance: 100		
Button Refill Information		
Refill Date: 05/25/95	Refill Time:	12:37 PM
Site ID: 000001	Workstation	1-
Refill Balance: \$102.00		
OK Accept Re-	Enter	Cāncel

FIG. 4L

— Add	Postage Comfirmation
Do you wa	nt to add \$100 to button?
ОК	Cancel

FIG. 4M

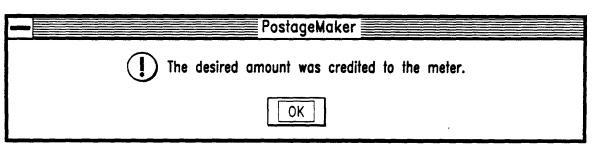


FIG. 4N

RECEIPT	RECEIPT NO:	AG7654321
POSTAGE BUTTON REFILL SERVICES		5/25

TRANSACTION:

AUTHORIZATION CODE: MA1234567 TRANSACTION DATE: 5/25/95

TRANSACTION TYPE: CREDIT

TRANSACTION AMOUNT: 100.00

POSTAGE BUTTON:

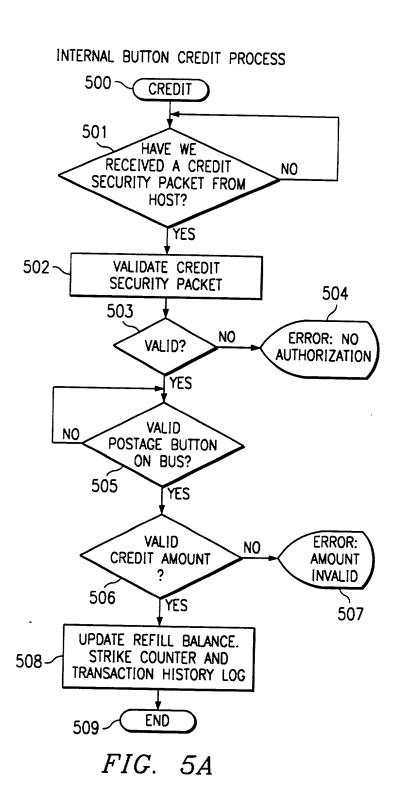
SERIAL NO: 0800101000E0 OWNER:

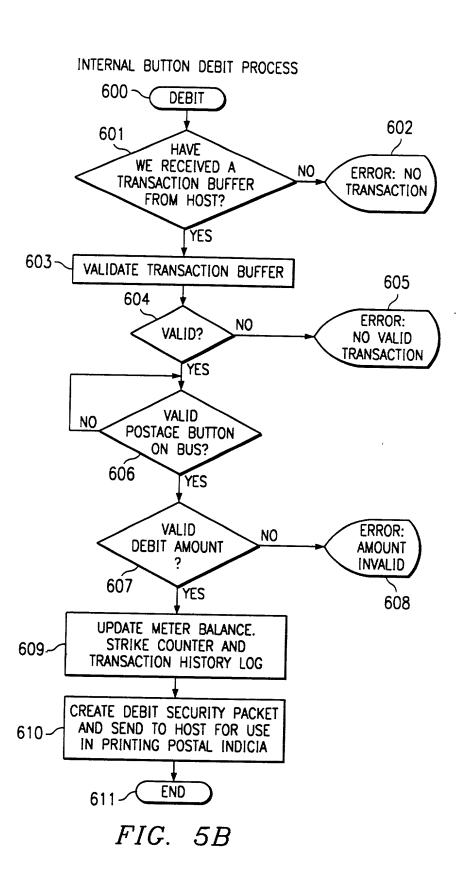
OWNER ZIP CODE: TRANSACTION COUNTER: 01

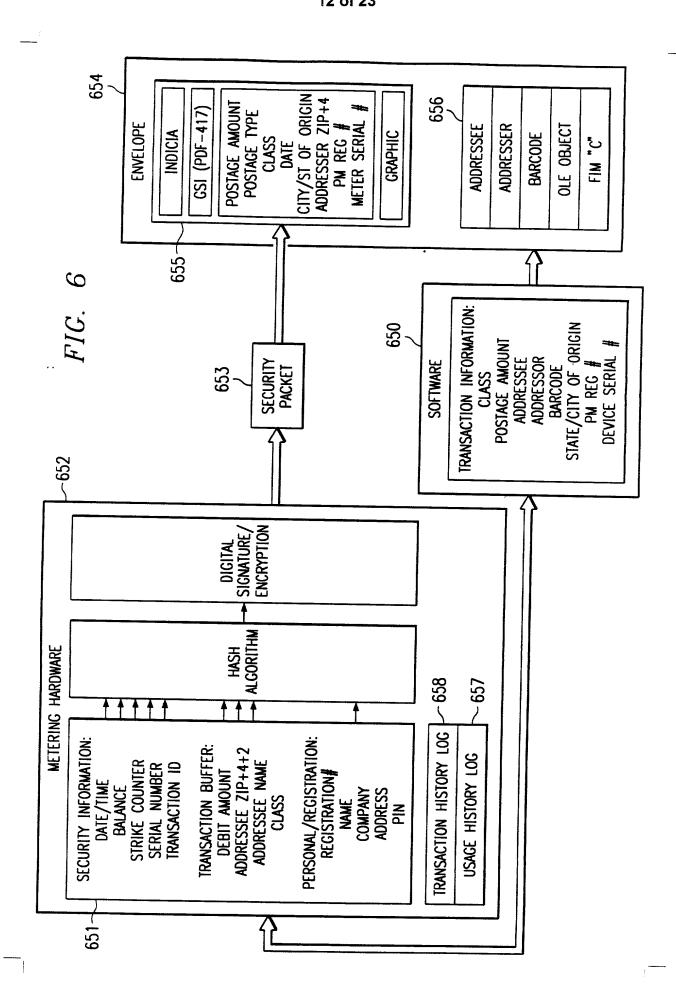
REMAINING CREDIT BALANCE:

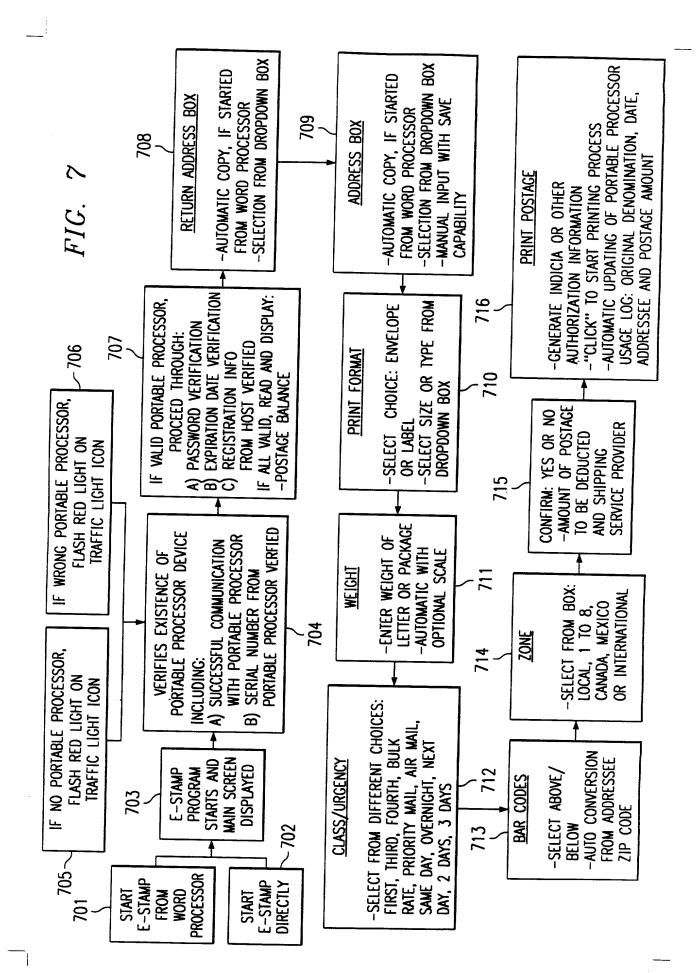
102.00

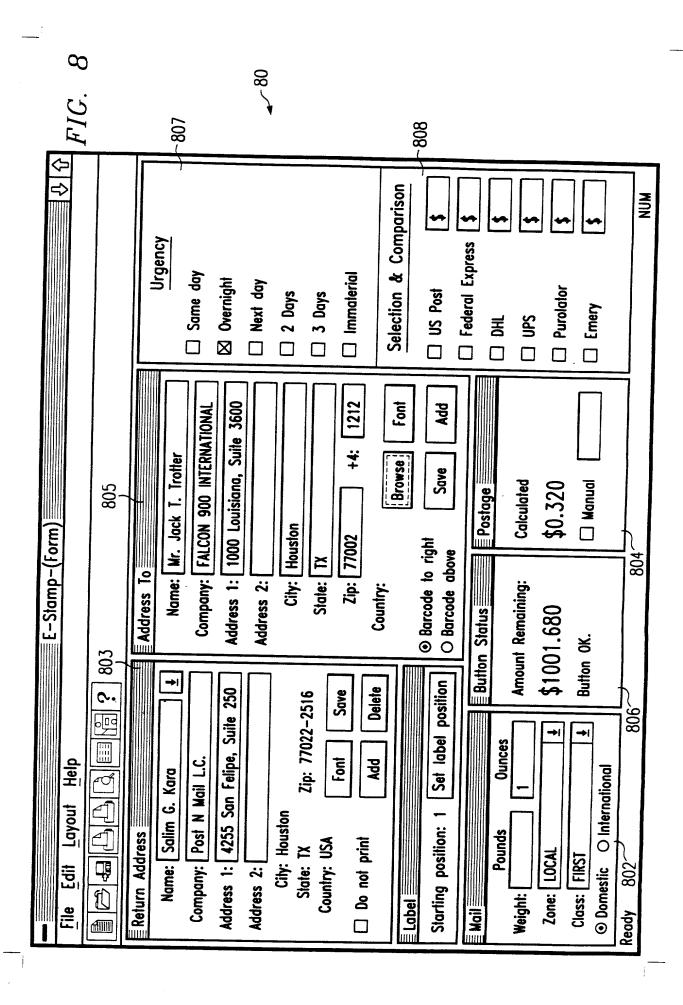
FIG. 40



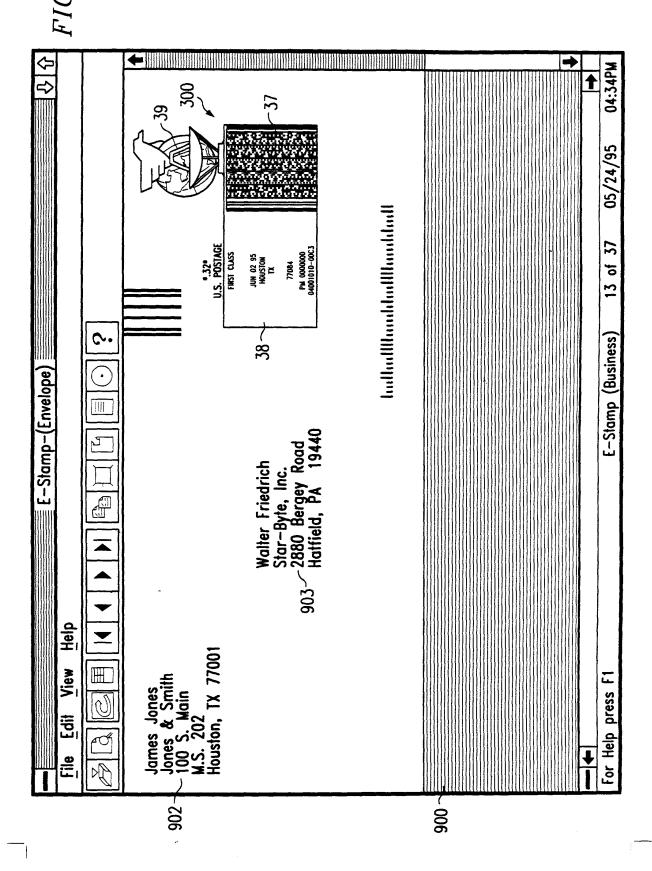




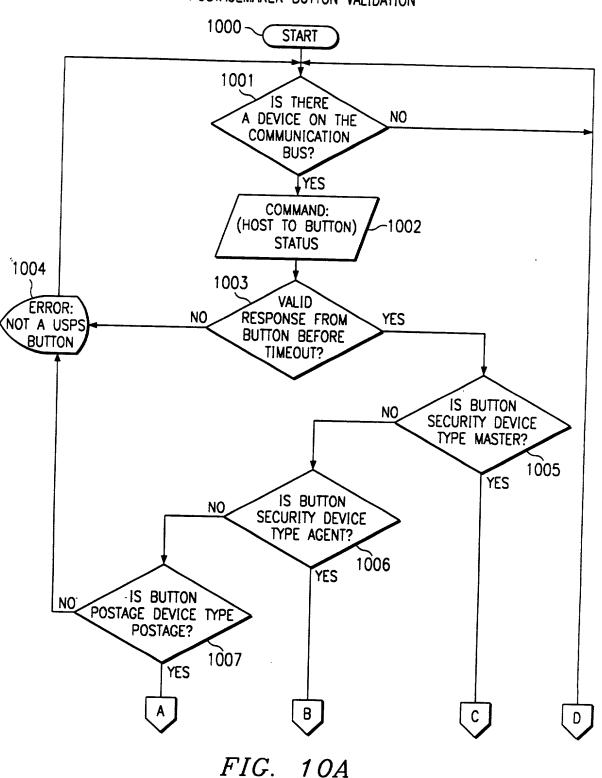




84 **⊕** ♦ Selection & Comparison N N Urgency ☐ Federal Express □ Same day ☐ Immaterial □ Next day ☐ 3 Days □ US Post ☐ Purolator □ 2 Days ☐ Emeny □ SN 呂口 1212 Font Add Address 1: | 1000 Louisiana, Suite 3600 Company: | FALCON 900 INTERNATIONAL +4: Name: | Mr. Jack T. Trotter Browse Postage \_\_\_\_ Save Calculated \$0.320 ☐ Manual E-Stamp-(Form) City: | Houston Zip: 77002 ● Barcode to right O Barcode above Address To State: TX Button Status Country: Address 2: Amount Remaining: \$1001.680 Button OK. Starting psoition: 1 | Set label position Delete Suite 250 Save 22-2516 **Ounces** Ctrl+P File Edit Layout Help O International Background On View Log file Print Log file Print Preview Log File Connect Other Data... Verify Addresses ✓ Background Off Pounds Print... Print Preview P<u>r</u>int Setup... Import Yellow Export Yellow Import White Export White Zone: | LOCAL Label Class: FIRST Moil Domestic Weight: Ready



# POSTAGEMAKER BUTTON VALIDATION



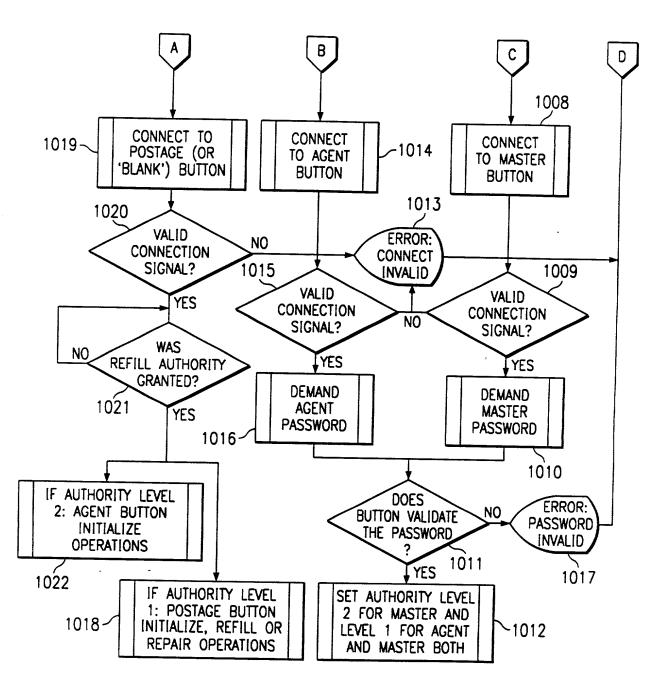
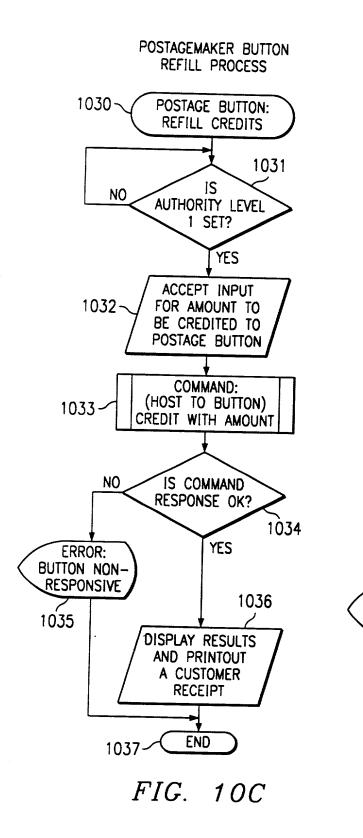
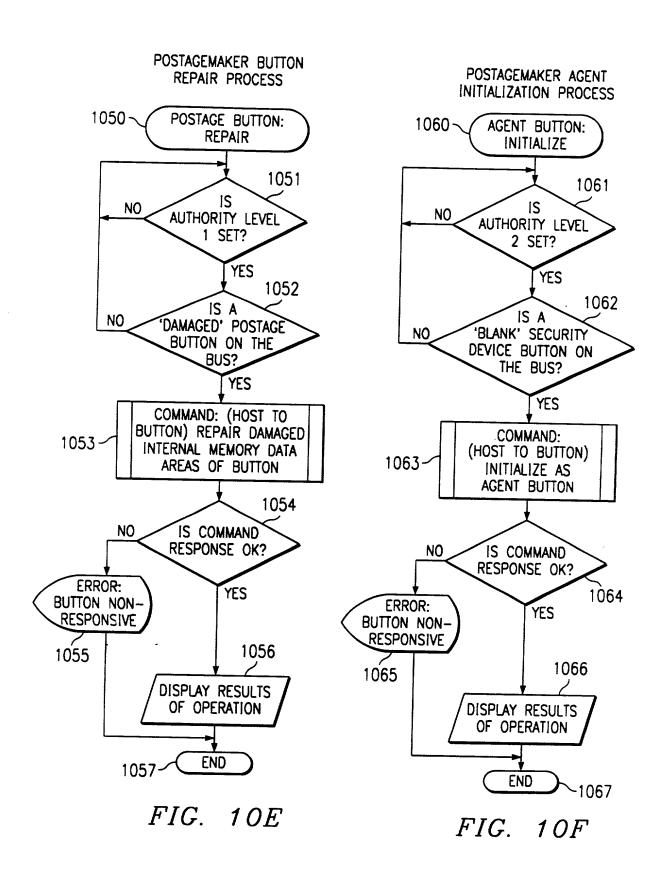


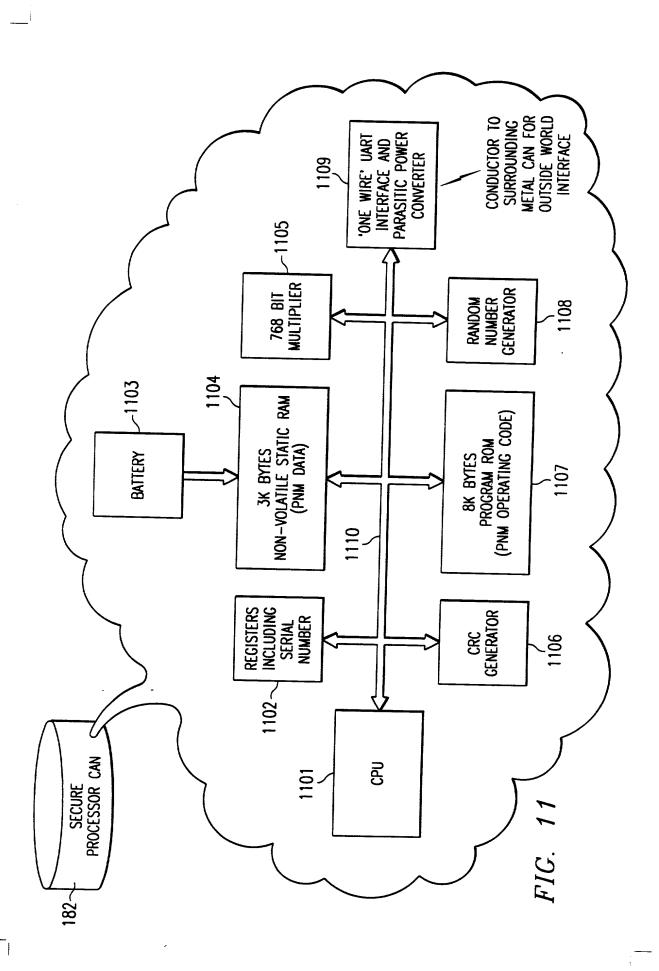
FIG. 10B



POSTAGEMAKER BUTTON INITIALIZATION PROCESS 1040 -POSTAGE BUTTON: INITIALIZE 1041 IS NO AUTHORITY LEVEL 1 SET? YES 1042 IS A NO 'BLANK' BUTTON ON THE BUS? YES COMMAND: (HOST TO BUTTON) 1043 INITIALIZE FOR POSTAGE USE 1044 NO IS COMMAND RESPONSE OK? YES **ERROR: BUTTON NON-**RESPONSIVE 1046 1045 DISPLAY RESULTS AND PRINTOUT A CUSTOMER RECEIPT **END** 1047-

FIG. 10D





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#### BLOCK DIAGRAM OF MEMORY LAYOUT FOR PREFERRED EMBODIMENT OF PORTABLE POSTAGE PROCESSOR

#### 3k BYTES NON-VOLATILE STATIC RAM

CREATION DATE/TIME CREATING AGENT ID

BUTTON TYPE: (POSTAGE)

**PASSWORD** 

USER REGISTRATION ID

USER NAME

USER ADDRESS USER STATE

USER ZIP

USER PHONE

USER FAX

CURRENT BALANCE

STRIKE COUNTER

BALANCE BEFORE LAST REFILL

LAST REFILL DATE LAST REFILL AMOUNT

LAST REFILL AGENT ID

LAST REFILL POSTAL LOCATION ID

LAST REFILL STATION NUMBER

TRANSACTION LOG

**EVENT LOG** 

**ENCRYPTION KEYS** 

FIG. 12

1201

BLOCK DIAGRAM OF MEMORY LAYOUT FOR PREFERRED EMBODIMENT OF PORTABLE SECURITY DEVICE PROCESSOR FOR AGENT AND MASTER

#### 3k BYTES NON-VOLATILE STATIC RAM

CREATION DATE/TIME

CREATING MASTER ID

BUTTON TYPE: (AGNT OR MSTR)

. PASSWORD

AGENT REGISTRATION ID

AGENT NAME

AGENT LOCATION ADDRESS

AGENT STATE

AGENT ZIP

AGENT PHONE

TRANSACTION LOG

**EVENT LOG** 

**ENCRYPTION KEYS** 

FIG. 13

